Materiel Readiness Integrated Product Team (MRIPT)

USMC MARCORLOGCOM

Studies and Analysis Department

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Enterprise Readiness Management
The Challenge

Materiel Readiness (MR) IPT chartered to:

- **Examine problems in Materiel Readiness**

Results were:

- **"One watch" required**
- **Need for information visibility across levels**
- **Business Process Re-engineering necessary**

Visibility & Reporting

C:\WINNT\System32\CMD.exe

UNCLASSIFIED — Unit Status — 8 Mar 01 — * MCREM *

USMC

MCB-3000 TAMs, TAMCNs: E0942 / E0946 / E0947 / E0948 / E0949 / E0950
(as of 2 Mar 01)

LAV RECOVERY (E0950)
Component: Active

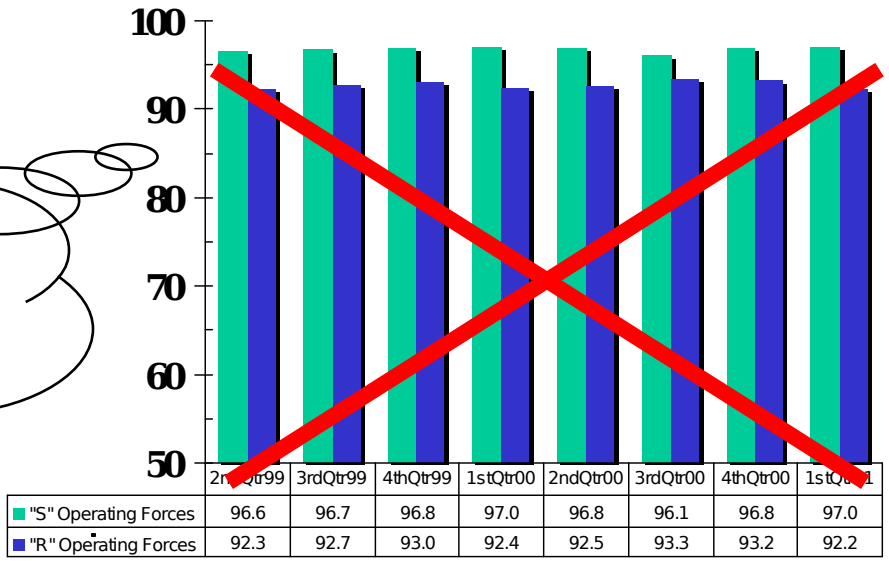
UIC	Name	Auth items	Onhand items	OpRdy items	R-rating (% OH)	MEF
M11700	1ST LAR BN	3	3	1	33.3%	1
M34014	EEAP CC MCAG CC	2	2	1	50.0%	8
M12190	2ND LAR BN	3	3	2	66.7%	2
M11110	BLT 1/1	1	1	1	100.0%	1
M11130	BLT 3/1	1	1	1	100.0%	1
M13210	BLT 2/1	1	1	1	100.0%	1
M13700	3RD LAR BN	5	5	5	100.0%	1
M21580	1ST RADIO BN	1	1	1	100.0%	5
M21800	CAB 3RD MARDIV	1	1	1	100.0%	3
M54007	OBREGON	1	1	1	100.0%	6
M54010	HAUGE	1	1	1	100.0%	6
TOTAL		22	22	18	81.8%	

13 units — Press Cursor key, P, or F1 for help — row # 1

Weekly MCREM reports. No history or user friendly displays

75 day old Marine Corps roll-up

No management value!



	2ndQtr99	3rdQtr99	4thQtr99	1stQtr00	2ndQtr00	3rdQtr00	4thQtr00	1stQtr01
"S" Operating Forces	96.6	96.7	96.8	97.0	96.8	96.1	96.8	97.0
"R" Operating Forces	92.3	92.7	93.0	92.4	92.5	93.3	93.2	92.2

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Supply versus Maintenance

We have 90% of our T/E! Our readiness is ok.

Lets see…13% deadlined means 87% up, with 90% T/E…that gives an overall rating of…how do I do this? That's right, .9 x.87 = 78%!

We have a problem! Fix it!

We have 13% deadlined —not great but still ok.

Supply Officer

Maintenance Officer

Toward One Watch

- Materiel Readiness is bigger than LOGCOM—all Marines are stakeholders or benefactors!
- As we move from reactive to proactive total life cycle management, it’s essential that we address both the current and future materiel readiness challenges. We can’t do it alone!
- The MRIPT brought together a cross-functional team focused on materiel readiness policy, calculations, display, reporting, and procedures.

Timeline

COMARCORMATCOM signs Charter

CORE MRIPT Meeting, Albany

MRIPT Meeting, Quantico

MRIPT Meeting, Camp Lejeune

MRIPT Meeting, Quantico

OMRIPT Meeting

MRIPT Meeting, Albany

Nov 00 **Feb 01** **Jun 01** **Dec 01** **Mar 02** **Apr 02** **Jan 03** **Sep 03**

MRIPT Efforts

- Update & Align USMC MR Policy / Procedures
  - ✓ MRIPT approved revised policy, submitted 25 March 2002 to HQMC (I&L)
  - ✓ MRIPT validated the reengineered Quarterly Readiness Brief
- Capture MR Drivers
  - ✓ MRIPT developed a representative set of drivers, identified measures, data sources/elements and stakeholders
- Validate Analytic Approach / Roadmap for Common MR Picture
  - ✓ MRIPT develop prioritized roadmap and approved analytic approach

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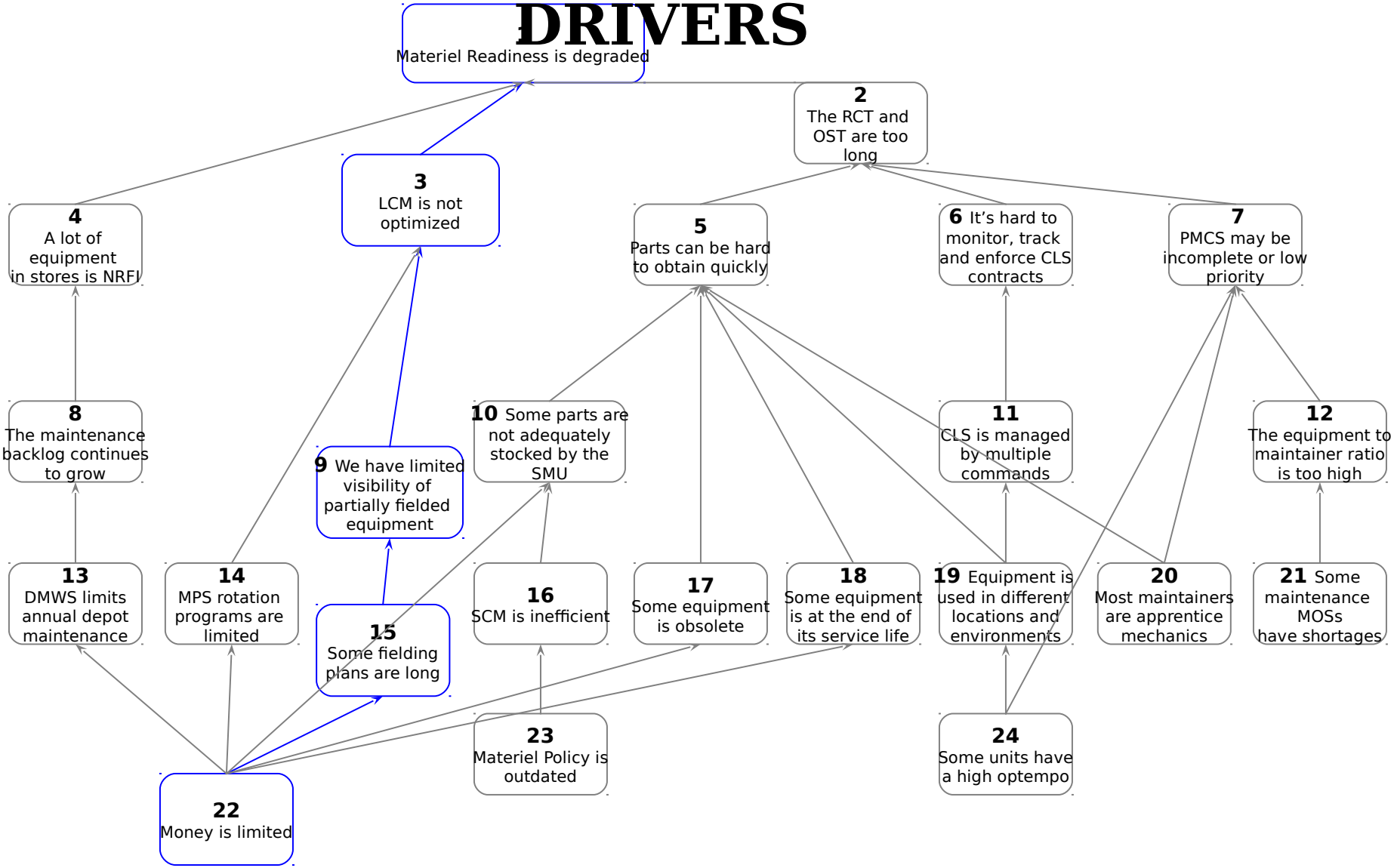
MATERIEL READINESS DRIVERS


Materiel Readiness is degraded
2 The RCT and OST are too long
3 LCM is not optimized
4 A lot of equipment in stores is NRFI
5 Parts can be hard to obtain quickly
6 It's hard to monitor, track and enforce CLS contracts
7 PMCS may be incomplete or low priority
8 The maintenance backlog continues to grow
9 We have limited visibility of partially fielded equipment
10 Some parts are not adequately stocked by the SMU
11 CLS is managed by multiple commands
12 The equipment to maintainer ratio is too high
13 DMWS limits annual depot maintenance
14 MPS rotation programs are limited
15 Some fielding plans are long
16 SCM is inefficient
17 Some equipment is obsolete
18 Some equipment is at the end of its service life
19 Equipment is used in different locations and environments
20 Most maintainers are apprentice mechanics
21 Some maintenance MOSs have shortages
22 Money is limited
23 Materiel Policy is outdated
24 Some units have a high optempo

Enterprise Readiness Management Roadmap

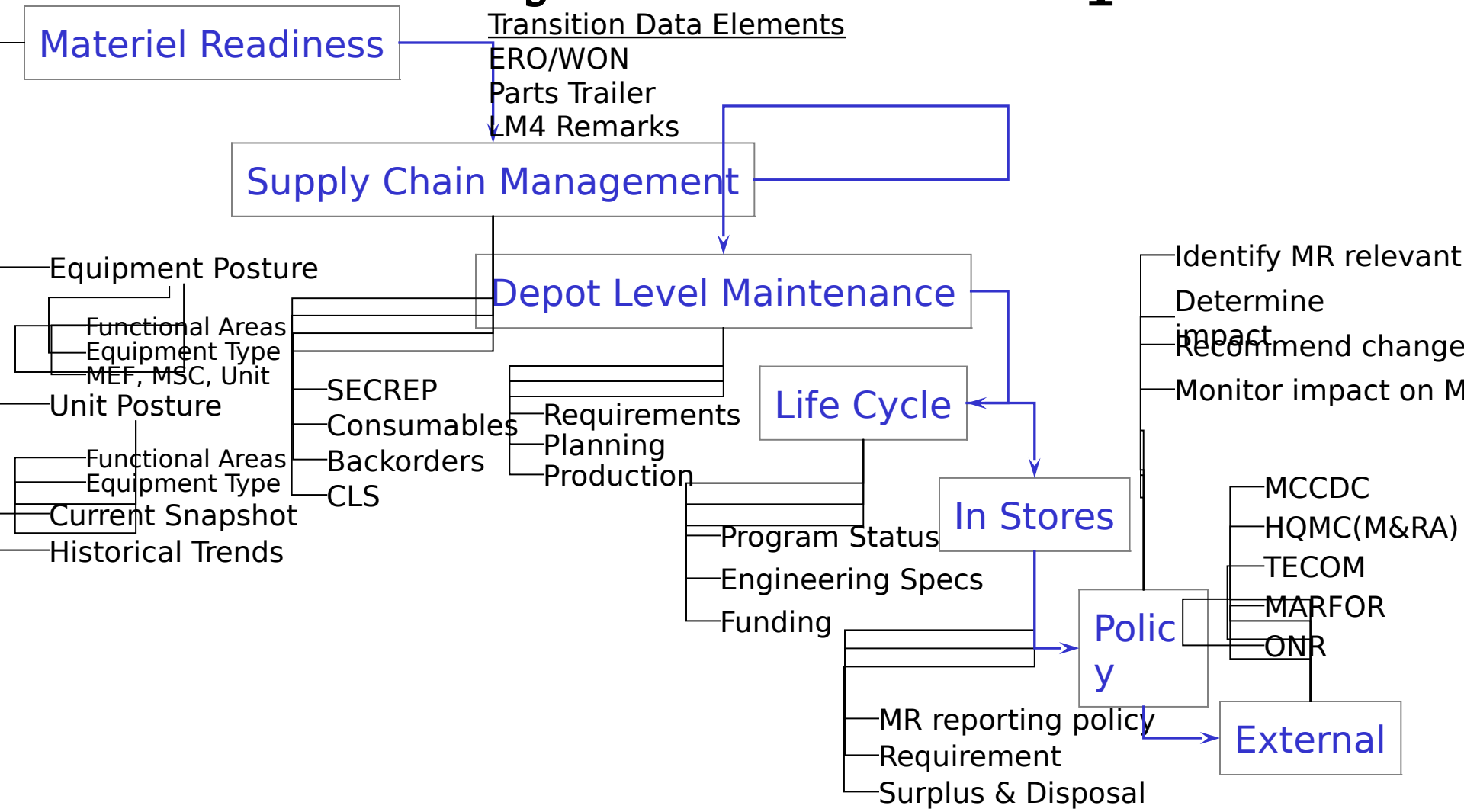
- **The MRIPT:**

  –Identified 24 Materiel Readiness Drivers

  –Mapped Drivers to 7 Project Areas

    - **Materiel Readiness**
    - **SCM**
    - **Depot Level Maintenance**
    - **Life Cycle Management Planning**
    - **In Stores**
    - **Policy**
    - **External**

Analytic Roadmap



Rapid Segment Analysis Process

MATCOM (HQ/R&A) lead six week rapid development cycle

1. Identify & prioritize project areas (MRIPT approved)
2. Assign analytic lead (should be analyst)
3. Collect data set (1 week)
4. Develop/determine analytical relationships and displays (4 weeks)
5. In process review
6. Disseminate findings to (a) MARFORS, (b) MATCOM management, (c) Commander, MATCOM (1 week)
7. Form transition team (manager, analyst, programmer)
8. Pass approved relationships/displays for automation

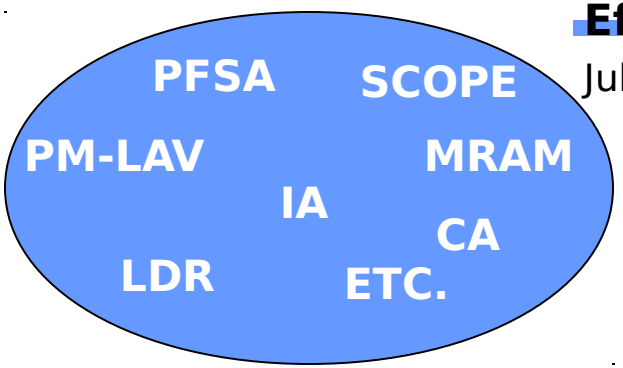
✓ **MRIPT Approved**

IT Requirements IPT

MATCOM
HQMC
SYSCOM
LOGBASES

IT Consolidation Work Effort

Jul 2002

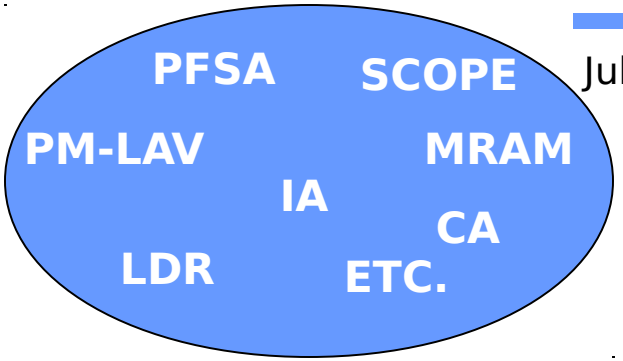


The Evolution of MERIT

Materiel Readiness - IPT

Sep 2000

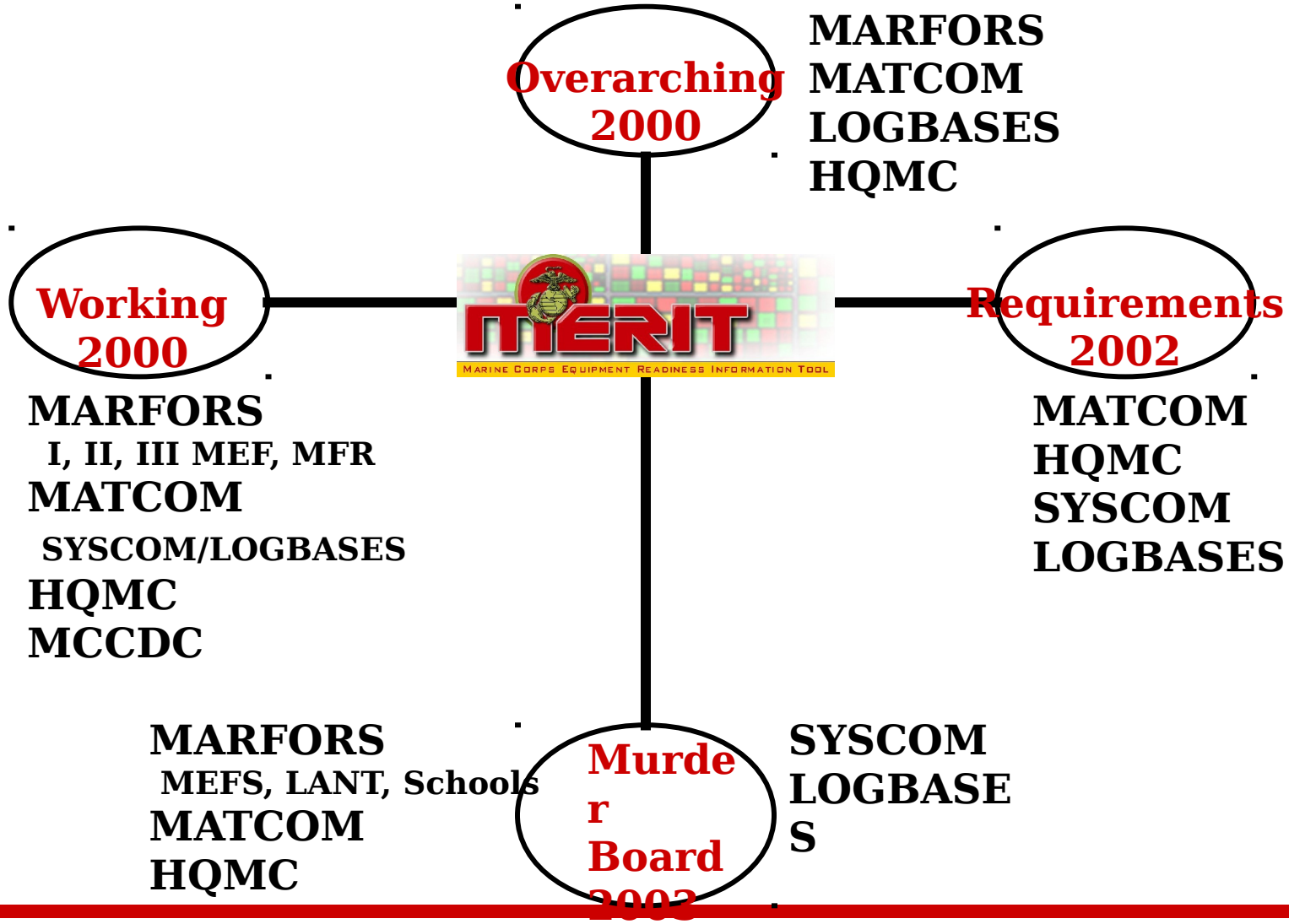
IT Consolidation Work Effort



Jul 2002

MERIT

Materiel Readiness IPTs



Where are we going?

- **Project Areas mapped to Phases**
  - **Phase I: Materiel Readiness and SCM**
  - **Phase II: SCM, Depot Level Maint and Wholesale**
  - **Phase III: Life Cycle Management Planning**
  - **Phase IV: In Stores and Policy**
  - **Phase V: External**

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